

**UNITED STATES  
DEPARTMENT OF AGRICULTURE**

**Agriculture Handbook No. 35**

**Washington, D. C.**

**December 1951**

**WORKERS IN SUBJECTS  
PERTAINING TO AGRICULTURE IN  
LAND-GRANT COLLEGES AND  
EXPERIMENT STATIONS,**

**1951-52 X**

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**AGRICULTURAL RESEARCH ADMINISTRATION  
OFFICE OF EXPERIMENT STATIONS**

## TITLES AND SERIES OF PUBLICATIONS SINCE THE FIRST ISSUE IN 1889

Organization of the Agricultural Experiment Stations in the United States. 1889. (Published as U. S. Dept. Agr., Off. Expt. Stas. Bul. 1.)

Organization Lists of the Agricultural Experiment Stations, and Agricultural Schools and Colleges in the United States. 1890. (U. S. Dept. Agr., Off. Expt. Stas. Bul. 5.)

Organization Lists of the Agricultural Experiment Stations in the United States. 1891. (U. S. Dept. Agr., Off. Expt. Stas. Circ. 20.)

Organization Lists of the Agricultural Experiment Stations and Agricultural Schools and Colleges. 1892, 1893, 1894. (U. S. Dept. Agr., Off. Expt. Stas. Buls. 12, 13, 19.)

Organization Lists of the Agricultural Experiment Stations and Institutions with Courses in Agriculture in the United States. 1895, 1896, 1897, 1898. (U. S. Dept. Agr., Off. Expt. Stas. Buls. 23, 27, 39, 47.)

Organization Lists of the Agricultural Colleges and Experiment Stations in the United States, with a List of Agricultural Experiment Stations in Foreign Countries. 1899, 1900, 1901, 1902. (U. S. Dept. Agr., Off. Expt. Stas. Buls. 59, 74, 88, 111.)

Organization Lists of the Agricultural Colleges and Experiment Stations in the United States, 1903 to 1912, inclusive. (U. S. Dept. Agr., Off. Expt. Stas. Buls. 122, 137, 151, 161, 176, 197, 206, 224, 233, 247, 253.)

Superseded by Lists of Workers in Subjects Pertaining to Agriculture and Home Economics in the U. S. Department of Agriculture and the State Agricultural Colleges and Experiment Stations. (Unnumbered series running through 1921-22.)

1914. The 1913 edition corrected to June 1914.

1915. Corrected to August 1, 1915.

1916. None published—corrections brought to January 1917.

List of Workers in Subjects Pertaining to Agriculture and Home Economics. Part 1. United States Department of Agriculture. Part 2. State Agricultural Colleges and Experiment Stations.

1917-18.

1918-19. ["Marketing" added to title for this issue only.]

1919-20. Not published.

1920-21.

1921-22.

1922-23. Issued as Misc. Circ. 4 (pt. 1 not published).

1923-24. Issued as Misc. Circ. 17 (pt. 1 not published).

Title changed to "List of Workers in Subjects Pertaining to Agriculture in State Agricultural Colleges and Experiment Stations," 1924-25. Misc. Circ. 34.

Workers in Subjects Pertaining to Agriculture in State Agricultural Colleges and Experiment Stations.

1925-26. Misc. Circ. 58.

1926-27. Misc. Circ. 87.

1927-28. Misc. Pub. 12.

1928-29. Misc. Pub. 43.

1929-30. Misc. Pub. 67.

1930-31. Misc. Pub. 100.

1931-32. Misc. Pub. 134.

1932-33. Misc. Pub. 154.

1933-34. Misc. Pub. 180.

1934-35. Misc. Pub. 214.

1935-36. Misc. Pub. 234.

Workers in Subjects Pertaining to Agriculture in Land-Grant Colleges and Experiment Stations.

1936-37. Misc. Pub. 254.

1937-38. Misc. Pub. 299.

1938-39. Misc. Pub. 335.

1939-40. Misc. Pub. 378.

1940-41. Misc. Pub. 420.

1941-42. Misc. Pub. 480.

1942-43. Misc. Pub. 510.

1943-44. Misc. Pub. 535.

1944-45. Misc. Pub. 556.

1945-46. Misc. Pub. 603.

1946-47. Misc. Pub. 625.

1947-48. Misc. Pub. 649.

1948-49. Misc. Pub. 677.

1949-50. Agriculture Handbook No. 3.

1950-51. Agriculture Handbook No. 15.

1951-52. Agriculture Handbook No. 35.

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1951-52

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By LULU B. THORNE  
Office of Experiment Stations



UNITED STATES  
GOVERNMENT PRINTING OFFICE  
WASHINGTON : 1952

# AGRICULTURAL RESEARCH ADMINISTRATION

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ARNAUD J. LOUSTALOT, Ph. D., Assistant Director

THOMAS J. MUZIK, Ph. D., Plant Physiologist.

CALEB PAGÁN CARLO, B. S., Chemist.

MURRELL P. MORRIS, Ph. D., Chemist.

THOMAS THEIS, Ph. D., Plant Pathologist.

HARRY E. WARMKE, Ph. D., Plant Geneticist.

HAROLD F. WINTERS, M. S., Horticulturist.

CARMELO ALEMAR, Administrative Assistant.

HÉCTOR J. CRUZADO, Scientific Aid.

RUBÉN H. FREYRE, Scientific Aid.

ASTOR GONZÁLEZ, Collaborator (Library: Coop. Govt. of P. R.).



# OFFICERS AND COMMITTEES OF THE ASSOCIATION OF LAND-GRANT COLLEGES AND UNIVERSITIES FOR 1952

(Preliminary List)

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## PRESIDENT

Milton S. Eisenhower of Pennsylvania

## EXECUTIVE SECRETARY-TREASURER

Russell I. Thackrey of Washington, D. C.

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### *Executive Committee*<sup>1</sup>

R. F. Poole of South Carolina, *Chairman* (1952).<sup>2</sup>

The President of the Association, Milton S. Eisenhower of Pennsylvania, *Vice-Chairman* (1953).

H. L. Donovan of Kentucky (1952).

W. A. Hagan of New York (1952).

O. H. Rechar of Wyoming (1952).

P. F. Sharp of California (1952).

A. A. Hauck of Maine (1953).

F. S. Hultz of North Dakota (1953).

J. E. Buchanan of Idaho (1954).

N. W. Dougherty of Tennessee (1954).

F. L. Horde of Indiana (1954).

Florance B. King of Vermont (1954).

### *Executive Subcommittee on Book About Land-Grant Institutions*

J. L. Morrill of Minnesota, *Chairman*; J. A. Hannah of Michigan; W. H. Martin of New Jersey;  
Consultants—F. D. Farrell of Kansas; R. I. Thackrey of Washington, D. C.

### *Executive Subcommittee on Proceedings*

C. R. Woodward of Rhode Island, *Chairman*; J. H. Denison of Michigan; W. E. Morgan of Colorado. *Consultant*—R. I. Thackrey of Washington, D. C.

### *Executive Subcommittee to Review Memoranda of Understanding*

(With the U. S. Department of Agriculture)

J. E. Carrigan of Vermont, *Chairman*; L. E. Hoffman of Indiana; H. C. Sanders of Louisiana.  
For the U. S. D. A.—P. V. Cardon; W. A. Minor; P. V. Kepner.

### *Council on General Extension*

(The Executive Committee of the Council is a committee of the Senate. See page VIII for listing.)

### *Council on Graduate Work*

(The Executive Committee of the Council is a committee of the Senate. See page IX for listing.)

### *Council on Instruction*

3 years—Marie Dye of Michigan; Schiller Scroggs of Oklahoma, *Secretary*.

2 years—W. C. Russell of New Jersey, *Chairman*; H. Van Roekel of Massachusetts.

1 year—\*H. W. Barlow of Texas; A. W. Gibson of New York; O. H. Rechar of Wyoming.

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<sup>1</sup>The entire Executive Committee has been designated as a committee to confer with the Secretary of Agriculture at least annually in furtherance of the recommendations of the Report of the Joint Committee on Extension.

<sup>2</sup>Chairman R. F. Poole of South Carolina will represent the Executive Committee on the Board of Trustees of the National 4-H Club Foundation.

\*Representative in Association Senate.

*Council of Presidents*

3 years—F. S. Hultz of North Dakota, *Secretary*; L. W. Jones of New Jersey.

2 years—A. N. Jorgensen of Connecticut; D. W. Malott of New York.

1 year—A. A. Hauck of Maine, *Chairman*; J. L. Morrill of Minnesota.

*Irrigated Agriculture and Water Resources*

G. D. Humphrey of Wyoming, *Chairman*. (Membership of the committee to be named later. Membership for 1951 requested to continue serving in the interim.)

*National Defense†*

3 years—A. A. Hauck of Maine; J. L. Morrill of Minnesota, *Chairman*.

2 years—J. E. Buchanan of Idaho; R. F. Chandler, Jr., of New Hampshire.

1 year—Gordon Gray of North Carolina; F. L. Hovde of Indiana.

*Necrology*

3 years—L. L. Madsen of Utah.

2 years—J. W. Branson of New Mexico.

1 year—T. P. Cooper of Kentucky, *Chairman*.

*Pre-Service and Graduate Training for Extension Workers*

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3 years—H. L. Bevis of Ohio, *Chairman*; Irvin Stewart of West Virginia.

2 years—J. H. Denison of Michigan; J. R. Killian, Jr., of Massachusetts.

1 year—R. B. Draughon of Alabama; C. E. Friley of Iowa.

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For the U. S. D. A.—P. V. Cardon, *Chairman*; Stanley Andrews; F. F. Elliott; Mena Hogan; T. Roy Reid; M. L. Wilson; S. B. Fracker, *Secretary*. (Alternates—Eric Englund; Ross Moore; Hazel K. Stiebeling.)

*Analysis of Agricultural Productive Capacity*

G. B. Alcorn of California; G. E. Brandow of Pennsylvania; T. K. Cowden of Michigan; George Montgomery of Kansas; D. W. Watkins of South Carolina; F. J. Welch of Kentucky; G. W. Westcott of Massachusetts.

For the U. S. D. A.—S. E. Johnson, *Chairman* (C. P. Heisig, Alternate); P. F. Aylesworth, *Secretary*; C. P. Barnes; P. V. Kepner; W. H. Larrimer; H. L. Manwaring; E. A. Norton (R. D. Hockensmith, Alternate); R. W. Trullinger (H. C. Knoblauch, Alternate).

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2 years—W. S. Carlson of Vermont; R. G. Gustavson of Nebraska, *Chairman*.

1 year—R. B. Draughon of Alabama; S. S. Newman of Virginia.

For the Conference of Negro Land-Grant Presidents—E. B. Evans of Texas, *Chairman*; R. B. Atwood of Kentucky; F. G. Clark of Louisiana; J. W. Davis of West Virginia; L. A. Davis of Arkansas.

†Committees thus designated are instructed to work with similar committees of the National Association of State Universities.

*Grasslands Steering*

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**Research**—M. H. Campbell of Rhode Island, *Chairman*; R. D. Lewis of Texas; Clyde McKee of Montana; R. J. Muckenhirn of Wisconsin.  
**For the U. S. D. A.**—P. V. Cardon; K. T. Hutchinson; W. A. Minor; M. L. Wilson.

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**For the N. A. S. U.**—F. A. Middlebush of Missouri, *Chairman*; J. L. Morrill of Minnesota; H. B. Wells of Indiana.

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**For the U. S. D. A.**—T. Roy Reid, *Chairman*; H. H. Bennett; P. V. Cardon; F. F. Elliott; C. O. Henderson; Hazel K. Stiebeling; L. F. Watts; M. C. Wilson; J. P. Findlay, *Secretary*.

*Veterans Affairs*

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 2 years—H. L. Donovan of Kentucky, *Chairman*; M. T. Harrington of Texas.  
 1 year—J. L. Morrill of Minnesota.  
**For the N. A. S. U.**—H. L. Donovan of Kentucky, *Chairman*; L. W. Jones of New Jersey; A. R. Olpin of Utah.

## SENATE SPECIAL COMMITTEES FOR 1952

*Federal Legislation*

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*Note:* The following members are requested to take special assignments in the areas listed: Agriculture, J. H. Hilton; Defense, Manpower, and R. O. T. C., J. L. Morrill; Labor Extension, C. R. Woodward; Radio and Television, Irvin Stewart; Social Security and Taxation, L. R. Lunden; Veterans and Scholarship Legislation, L. W. Jones.

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 2 years—W. S. Carlson of Vermont.  
 1 year—L. E. Jackson of Pennsylvania.

*Delegate to the Joint Committee on Educational Television*

J. H. Denison of Michigan.

*Delegates to the National Commission on Accrediting*

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 2 years—H. L. Donovan of Kentucky; Irvin Stewart of West Virginia.  
 1 year—J. R. Killian, Jr., of Massachusetts; J. H. Miller of Florida.

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Amos Neyhart of Pennsylvania.

*Delegate to the National Conference of Non-Governmental Organizations on FAO*

J. M. Gwin of Maryland.

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A. A. Hauck of Maine.

*Representatives on the Air Force Advisory Committee on ROTC*

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*Section of Experiment Station Work*

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G. F. Dow of Maine, *Secretary*.

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2 years—W. V. Lambert of Nebraska; Catherine J. Personius of New York; R. H. Walker of Utah; H. N. Young of Virginia.

1 year—M. H. Campbell of Rhode Island; L. S. Ellis of Arkansas; Clyde McKee of Montana; Pearl P. Swanson of Iowa.

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\*Representative in Association Senate.

*Committee of Nine, Public Law 733*

(Not an official committee of the Association)

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 C. O. Youngstrom of Idaho, *Secretary*.

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 2 years—Kathryn Van Aken Burns of Illinois; Warren Clark of Wisconsin; H. O. Stuart of Rhode Island.  
 1 year—Norma M. Brumbaugh of Oklahoma; J. M. Fry of Pennsylvania; R. B. Tootell of Montana, *Chairman*.  
 Ex-Officio: M. L. Wilson, Director of Cooperative Extension, U. S. D. A.

*ECOP Subcommittee on Public Relations*

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 W. R. Horlacher of Colorado, *Secretary*.

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 2 years—C. H. Bostian of North Carolina ; R. H. Verbeck of Massachusetts.  
 1 year—V. C. Freeman of Indiana, *Chairman* ; V. E. Kivlin of Wisconsin.

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 2 years—\*J. M. Murray of Maine ; M. M. White of Kentucky, *Secretary*.  
 1 year—L. R. Hesler of Tennessee ; \*O. H. Rechard of Wyoming.

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 1 year—\*D. L. Arm of Delaware, *Chairman* ; R. A. Morgan of Florida ; G. W. Gleeson of Oregon ; C. W. Beese of Indiana.

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 1 year—C. W. Beese of Indiana ; E. W. Ruggles of North Carolina, *Chairman*.

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 1 year—A. P. Colburn of Delaware ; R. A. Morgan of Florida, *Chairman*.

*Resident Instruction Section Committee*

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 2 years—L. M. K. Boelter of California, *Vice-Chairman* ; A. F. Spilhaus of Minnesota.  
 1 year—H. W. Barlow of Texas, *Chairman* ; H. O. Croft of Missouri.

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 2 years—K. O. Broady of Nebraska, *Secretary* ; E. A. Lowe of Georgia ; R. R. Tompkins of Oklahoma.  
 1 year—C. W. Beese of Indiana ; M. A. Chaffee of New Jersey ; J. F. Cramer of Oregon ; F. L. Horde of Indiana.

*Committee on Governmental Relations*

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*Committee on Graduate Study*

- K. O. Broady of Nebraska, *Chairman* ; C. W. Beese of Indiana ; J. W. Brouillette of Louisiana ; J. F. Cramer of Oregon ; B. W. Woods of California.

*Committee on Relationships with Agricultural Extension*

- R. R. Tompkins of Oklahoma, *Chairman* ; L. H. Adolfson of Wisconsin ; Glenn Jones of Washington ; E. W. Ruggles of North Carolina ; H. B. Stevens of New Hampshire.

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\*Representative in Association Senate.

*Committee on Relationships with Other Educational Organizations*

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2 years—C. W. Jones of New York.

1 year —W. R. Dennes of California, *Chairman*; H. L. Donovan of Kentucky; \*Harold Howe of  
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## KEY TO ABBREVIATIONS

<i>Acct.</i> , Accountant, Accounts.	<i>Instr.</i> , Instructor, Instruction.
<i>Actg.</i> , Acting.	<i>Insts.</i> , Institutes.
<i>Admin.</i> , Administration, Administrative.	<i>Invest.</i> , Investigations, Investigational, Investigator.
<i>Agr.</i> , Agriculture, Agriculturist, Agricultural.	<i>Irrig.</i> , Irrigation, Irrigationist.
<i>Agron.</i> , Agronomy, Agronomist.	<i>Lab.</i> , Laboratory.
<i>Agt.</i> , Agent.	<i>Landsc.</i> , Landscape.
<i>An.</i> , Animal.	<i>Lect.</i> , Lecturer.
<i>Anal.</i> , Analytical, Analysis.	<i>Libr.</i> , Library, Librarian.
<i>Anat.</i> , Anatomy.	<i>Mach.</i> , Machine, Machinery.
<i>Arch.</i> , Architect, Architecture, Architectural.	<i>Mech.</i> , Mechanics, Mechanical.
<i>Assoc.</i> , Associate, Association.	<i>Med.</i> , Medicine, Medical.
<i>Asst.</i> , Assistant.	<i>Met.</i> , Meteorology, Meteorologist.
<i>Bact.</i> , Bacteriology, Bacteriologist.	<i>Mfg.</i> , Manufacturing.
<i>Biochem.</i> , Biochemist, Biochemistry, Biochemical.	<i>Mfgs.</i> , Manufactures.
<i>Biol.</i> , Biology, Biologist, Biological.	<i>Mgr.</i> , Manager.
<i>Bldg.</i> , Building(s).	<i>Mgt.</i> , Management.
<i>Bot.</i> , Botany, Botanist, Botanical.	<i>Microbiol.</i> , Microbiology, Microbiologist.
<i>Brdg.</i> , Breeding.	<i>Mktg.</i> , Marketing.
<i>Bul.</i> , Bulletin.	<i>Morphol.</i> , Morphology, Morphologist.
<i>Chair.</i> , Chairman.	<i>Mycol.</i> , Mycology, Mycologist.
<i>Chem.</i> , Chemistry, Chemist, Chemical.	<i>Nutr.</i> , Nutrition, Nutritionist.
<i>Climat.</i> , Climatology, Climatologist.	<i>Oler.</i> , Olericulture, Olericulturist.
<i>Coll.</i> , College.	<i>Org.</i> , Organic.
<i>Collab.</i> , Collaborator, Collaborating.	<i>Organ.</i> , Organization(s).
<i>Comm.</i> , Commission.	<i>Ornith.</i> , Ornithology, Ornithologist.
<i>Comp.</i> , Comparative.	<i>Parasit.</i> , Parasitology, Parasitologist.
<i>Comm.</i> , Commissioner.	<i>Path.</i> , Pathology, Pathologist, Pathological.
<i>Conserv.</i> , Conservation, Conservationist.	<i>Pharm.</i> , Pharmacy, Pharmacist, Pharmaceutical.
<i>Consult.</i> , Consulting, Consultant.	<i>Pharmacol.</i> , Pharmacology, Pharmacologist.
<i>Coop.</i> , Cooperation, Cooperative, Cooperator.	<i>Photog.</i> , Photography, Photographer.
<i>Corresp.</i> , Correspondence, Correspondent.	<i>Phys.</i> , Physics, Physical.
<i>Dem.</i> , Demonstration, Demonstrator.	<i>Physiol.</i> , Physiology, Physiologist, Physiological.
<i>Dept.</i> , Department.	<i>Phytopath.</i> , Phytopathology, Phytopathologist, Phytopathological.
<i>Dir.</i> , Director.	<i>P. O.</i> , Post Office.
<i>Dist.</i> , District.	<i>Pomol.</i> , Pomology, Pomologist, Pomological.
<i>Div.</i> , Division.	<i>Pract.</i> , Practice, Practical.
<i>Dom.</i> , Domestic.	<i>Prep.</i> , Preparatory.
<i>Ecol.</i> , Ecology, Ecologist, Ecological.	<i>Pres.</i> , President.
<i>Econ.</i> , Economy, Economic(s), Economist.	<i>Prin.</i> , Principal.
<i>Ed.</i> , Education, Educational.	<i>Prod.</i> , Production.
<i>Engin.</i> , Engineer, Engineering.	<i>Prof.</i> , Professor.
<i>Ent.</i> , Entomology, Entomologist, Entomological.	<i>Pubs.</i> , Publications.
<i>Equip.</i> , Equipment.	<i>Res.</i> , Research.
<i>Erad.</i> , Eradication.	<i>Sci.</i> , Science, Scientist, Scientific.
<i>Exec.</i> , Executive.	<i>Sect.</i> , Section.
<i>Expt.</i> , Experiment, Experimental, Experimentalist.	<i>Secon.</i> , Secondary.
<i>Ext.</i> , Extension.	<i>Secy.</i> , Secretary.
<i>Fert.</i> , Fertility, Fertilizer.	<i>Sociol.</i> , Sociology, Sociologist.
<i>Flor.</i> , Floriculture, Floriculturist, Floricultural.	<i>Spec.</i> , Special, Specialist.
<i>For.</i> , Forestry, Forester.	<i>Sta.</i> , Station.
<i>Gard.</i> , Gardening, Gardener.	<i>Stat.</i> , Statistics, Statistical, Statistician.
<i>Gen.</i> , General.	<i>Subsect.</i> , Subsection.
<i>Geog.</i> , Geography.	<i>Substa.</i> , Substation.
<i>Geol.</i> , Geology, Geologist, Geological.	<i>Supt.</i> , Superintendent.
<i>Grad.</i> , Graduate.	<i>Supvr.</i> , Supervisor.
<i>Histol.</i> , Histology, Histologist.	<i>Surg.</i> , Surgery.
<i>Hon.</i> , Honorary.	<i>Tech.</i> , Technical, Technician.
<i>Hort.</i> , Horticulture, Horticulturist, Horticultural.	<i>Technol.</i> , Technology, Technologist.
<i>Husb.</i> , Husbandry, Husbandman.	<i>Treas.</i> , Treasurer.
<i>Hyg.</i> , Hygiene.	<i>Trop.</i> , Tropical.
<i>Illus.</i> , Illustration, Illustrative.	<i>Univ.</i> , University.
<i>Indus.</i> , Industry, Industrial, Industries.	<i>Veg.</i> , Vegetable, Vegetation.
<i>Inorg.</i> , Inorganic.	<i>Vet.</i> , Veterinary, Veterinarian.
<i>Insp.</i> , Inspection, Inspector.	<i>Vit.</i> , Viticulture, Viticulturist, Viticultural.
	<i>Voc.</i> , Vocational.
	<i>Zool.</i> , Zoology, Zoologist, Zoological.

## **PREFACE**

The following explanations apply throughout the publication :

Subject-matter workers in extension are generally shown under the respective department or division of the college.

Certain institutions use the academic title for experiment station workers as well as for personnel engaged solely as teachers.

**Corrected through December 15, 1951.**

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- †L. J. Booher, C. E., *Irrig. Spec.*
- †L. L. Davis, M. S., *Agron. Spec.*
- †W. A. Harvey, M. S., *Weed Control Spec.*
- †F. J. Hills, B. S., *Agron. Spec.*
- †Marvin Hoover, B. S., *Cotton Spec. (P. O., Shafter)*.
- \*†K. G. McKay, M. S., D. V. M., *Vet. Sci. Spec.*
- †P. A. Minges, Ph. D., *Truck Crop Spec.*
- †V. P. Osterli, B. S., *Agron. Spec.*
- †R. L. Parks, M. A., *Agr. Engin. Spec.*
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§Leave of absence.

- \*†W. E. Morgan, M. S., *President*.  
\*†W. R. Horlacher, Ph. D., *Actg. Dean of Agr.*  
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†F. A. Anderson, *Dir. of Ext. Service*.  
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 †Valerie Hotchkiss, B. S., *Res. Tech.*  
 †B. F. Lowmsberry, Jr., Ph. D., *Asst. Plant Path.*  
 †A. D. McDonnell, *Res. Tech.*  
 †Frances W. Meyer, A. B., *Seed Tester.*  
 †Mrs. Barmara Cluck, B. S., *Res. Tech.*  
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 †Saul Rich, Ph. D., *Assoc. Plant Path.*  
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 †P. E. Waggoner, Ph. D., *Asst. Plant Path.*  
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 †D. B. Downs, *Res. Tech.*  
 †Ruth P. Gallinat, B. S., *Soil Tester.*  
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 †H. A. Lunt, Ph. D., *Soil Sci.*  
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 †C. I. Bliss, Ph. D., *Biometrician.*  
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 †F. B. Collins, B. S., *Asst. Agron.*  
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**Extension Administration:**

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**Dairy Science:**

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- \*†R. B. Becker, Ph. D., *Prof. Dairy Husb.; Dairy Husb.*
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- \*†S. P. Marshall, Ph. D., *Assoc. Prof. and Assoc. Dairy Husb.*
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- \*K. R. Swinford, M. S. F., *Assoc. Prof. For.*
- \*G. F. Weber, Ph. D., *Prof. For. Path.*
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- \*†R. A. Dennison, Ph. D., *Assoc. Hort.*
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**Horticulture—Continued**

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<sup>1</sup> Division indicates comparable units at all locations in system.

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†J. M. Elrod, M. S., *Assoc. Agron.*  
†J. G. Futral, B. S., *Assoc. Agron.*  
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†W. E. Neville, Jr., M. S., *Asst. An. Brgd.*  
†E. M. Parker, M. S., *Asst. Pasture Spec.*  
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†L. W. Boyle, Ph. D., *Assoc. Bot.*  
†R. E. Burns, Ph. D., *Plant Physiol. (Coop. U. S. D. A.)*.  
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<sup>1</sup>Division indicates comparable units at all locations in system.

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W. H. McKinney, B. S., *Asst. An. Husb.*  
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<sup>1</sup> Division indicates comperable units at all locations in system.

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## Pathology:

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- \*A. L. Tester, Ph. D., *Prof. Zool.*
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**Substations:**

- Haleakala Branch Sta., P. O., *Makawao, Maui—Kazuo Murakami, Foreman.*
- Kona Branch Sta., P. O., *Kealahakua, Kona—E. T. Fukunaga, M. S., Asst. Agr.*
- Poamoho Expt. Farm, P. O., *Waihawa, Oahu—F. R. Mercado, Foreman.*
- Waimanalo Expt. Farm, P. O., *Waimanalo, Oahu—H. Waki, Foreman.*

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- †Marguerite Briggs, M. S., *Asst. Prof., Child Development and Parent Ed.*
- †Pauline Brimhall, M. S., *Asst. Prof. Health Ed.*
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 †J. Robbins, B. S., *Assoc. Farm Crops*.  
 †J. L. Robinson, Ph. D., *Prof. Farm Crops*.  
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Entomology—See Zoology.

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- †H. E. Geiger, M. S., *State Older Youth Leader.*
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- \*†Ray Loree, Ph. D., *Assoc. Home Econ.*
- \*Mrs. Kathryn Mackenson, M. S., *Asst. Prof. Home Econ. Ed.*
- \*†Mrs. Laureame C. McBryde, B. S., *Instr. and Res. Assoc. in Home Econ.*
- \*†Mrs. Dorothy S. Moschette, M. S., *Assoc. Prof. and Assoc. Home Econ.*
- †Rupert Perry, B. S., *Asst. Home Mgt. Spec.*
- \*Maude G. Ryder, M. S., *Assoc. Prof. Home Econ.*
- \*Ona Smith, M. A., *Asst. Prof. Home Econ.*
- \*†Evelyn Stout, M. S., *Asst. Prof. Home Econ.*
- \*Mrs. Ruth H. Sylvest, M. S., *Instr. Home Econ. Ed.*
- \*Susanne Thompson, Ph. D., *Prof. Home Econ.*
- ††Rogenia G. Trotter, M. S., *Spec. in Housing and Home Furnishings.*
- \*Elizabeth R. Tucker, M. A., *Assoc. Prof. Home Econ.*
- \*Kathryn Warren, M. S., *Asst. Prof. Home Econ.*
- \*Cleo E. Willey, M. S., *Asst. Prof. Home Econ.; Dir. Adult Ed.*

**Horticulture:**

- \*B. H. Singletary, M. S., *Prof. and Head of Dept.*
- †Rita B. Attaya, M. S., *Res. Assoc. in Hort.*
- †J. A. Cox, M. S., *Ext. Hort.*
- †Stewart Dallyn, Ph. D., *Assoc. Hort.*
- †T. P. Dykstra, Ph. D., *Senior Path. (Coop. U. S. D. A.).*
- †James Fontenot, M. S., *Asst. Hort.*
- \*†R. H. Hanchey, M. S., *Assoc. Prof. Hort.*
- †P. L. Hawthorne, M. S., *Assoc. Hort.*
- †T. P. Hernandez, Ph. D., *Asst. Hort. (P. O., Chase).*
- \*†A. E. Kehr, Ph. D., *Assoc. Hort.*
- \*†A. D. Kimbrough, Ph. D., *Prof. Hort.;*
- †J. J. Mikell, Ph. D., *Assoc. Hort.*
- \*†J. C. Miller, Ph. D., *Hort. in charge of Res.*
- \*†Joseph Montelaro, M. S., *Assoc. Ext. Hort.*
- \*R. S. Reich, Ph. D., *Assoc. Prof. Hort.*
- †Donald Spurlock, M. S., *Asst. Ext. Hort.*
- \*†R. E. Webb, M. S., *Asst. Hort.*

**Poultry Industry:**

- \*†C. W. Upp, Ph. D., *Prof. and Head of Dept.*
- \*†W. D. Blackwell, M. S., *Instr. and Res. Assoc. in Poultry.*
- \*†H. E. Hathaway, M. S., *Instr. and Res. Assoc. in Poultry.*
- †Clyde Ingram, M. S., *Ext. Poultryman.*
- †Stella Jones, *Assoc. Poultry Spec.*
- \*†B. A. Tower, M. S., *Asst. Prof. and Asst. Poultry Husb.*
- \*†A. B. Watts, Ph. D., *Asst. Prof. and Asst. Poultry Husb.*
- †Ernest Williams, B. S., *Asst. in Poultry Indus. (Coop. U. S. D. A.).*

**Sociology (Rural):**

- \*†H. L. Hitt, Ph. D., *Rural Sociol., Prof. and Head of Dept.*
- \*†A. L. Bertrand, Ph. D., *Assoc. Prof. and Assoc. Rural Sociol.*
- †Mary Mims, LL. D., *Ext. Rural Sociol.*
- \*†P. H. Price, Ph. D., *Asst. Prof. and Asst. Rural Sociol.*
- †Lina W. Brock, B. S., *Assoc. Agt.*

**Sugarcane Work:**

- †C. B. Gouaux, B. S., *Agron. (P. O., Lafayette).*
- †E. C. Simon, M. S., *Agron.*

**Veterinary Science:**

- \*†W. T. Oglesby, D. V. M., M. S., *Vet., Prof. and Head of Dept.*
- \*†C. H. Bridges, D. V. M., *Res. Assoc. Vet. Sci.*

**Veterinary Science—Continued**

- \*†R. B. Lank, D. V. M., *Assoc. Prof. and Assoc. Vet.*
- \*†Helen E. Levy, B. S., *Res. Asst. in Vet. Sci.*
- †R. L. Mayhew, Ph. D., *Parasit.*
- \*†James Miller, D. V. M., *Asst. Prof. and Asst. Vet.*

**Zoology and Entomology:**

- \*W. H. Gates, D. Sc., *Prof. and Head of Dept.*
- †C. E. Smith, M. S., *Ent. and Head of Res.*
- \*Ellinor H. Behre, Ph. D., *Prof. Zool.*
- \*H. J. Bennett, Ph. D., *Assoc. Prof. Zool.*
- \*Mrs. Jane T. Bennett, *Asst. in Zool.*
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- †E. J. Conciennan, B. S., *Res. Assoc. in Ent.*
- †A. L. Dugas, M. S., *Ent.*
- ††H. L. Floyd, M. S., *Assoc. Ent.*
- \*†I. D. George, Ph. D., *Asst. Prof. Zool.*
- †P. K. Harrison, M. S., *Ent. (Coop. U. S. D. A.).*
- \*G. C. Kent, Ph. D., *Instr. Zool.*
- \*G. H. Lowery, M. S., *Asst. Prof. and Curator of Zool. Museum.*
- †Otto Mackensen, Ph. D., *Apiculturist (Coop. U. S. D. A.).*
- \*G. H. Mickey, Ph. D., *Asst. Prof. Zool.*
- †L. D. Newsom, Ph. D., *Assoc. Ent.*
- †Everet Oertel, Ph. D., *Apiculturist (Coop. U. S. D. A.).*
- \*Terry Pullig, M. S., *Asst. in Zool.*
- \*J. H. Roberts, Ph. D., *Assoc. Prof. Ent.*
- \*O. W. Rosewall, Ph. D., *Prof. Ent.*
- †J. S. Roussel, M. S., *Asst. Ent.*
- \*R. A. Smith, Ph. D., *Instr. Zool.*
- \*†A. J. Stanley, Ph. D., *Asst. Prof. Zool.*
- †R. G. Strong, M. S., *Asst. Ent.*
- †Stephen Taber, B. S., *Apiculturist (Coop. U. S. D. A.).*
- †Warren Whitcomb, Jr., Ph. D., *Apiculturist (Coop. U. S. D. A.).*

**Miscellaneous:**

- †C. M. Brooks, B. S. L. S., *Ext. Libr.*
- \*†J. A. McMillen, A. B., B. L. S., *Libr.*
- \*Mrs. Frances S. Stoker, *Bul. Clerk.*

**Substations:**

- Fruit and Truck Sta., P. O., Hammond—  
W. F. Wilson, Jr., M. S., *Supt. and Assoc. Hort.*
- M. J. Giamalva, M. S., *Asst. Hort.*
- North La. Hill Farm Expt. Sta., P. O., Homer.  
D. M. Johns, M. S., *Supt. and Assoc. Agron.*
- Fred Hathorn, M. S., *Asst. Dairyman.*
- G. E. King, M. S., *Res. Assoc. in Mktg.*
- J. K. Mims, M. S., *Asst. For.*
- R. E. Wright, M. S., *Asst. Hort.*
- North La. Sta., P. O., Calhoun—  
R. S. Woodward, M. S., *Supt. and Assoc. Hort.*
- J. L. Heath, Jr., B. S., *Res. Assoc. in An. Indus.*
- J. C. Taylor, M. S., *Asst. Hort.*
- Northeast La. Sta., P. O., St. Joseph—  
C. B. Haddon, B. S., *Supt. and Agron.*
- J. C. Carpenter, Jr., M. S., *Asst. An. Husb.*
- J. A. Hendrix, M. S., *Asst. Agron.*
- S. A. Phillips, B. S., *Asst. Agron.*
- R. Y. Ratcliff, B. S., *Res. Assoc. in Agron.*
- Plaquemines Parish Sta., P. O., Diamond—  
R. T. Brown, M. S., *Supt. and Asst. Hort.*
- F. B. Schmitz, M. S., *Asst. Hort.*
- Red River Valley Expt. Sta., P. O., Bossier City—  
J. Y. Oakes, M. S., *Supt. and Agron.*
- L. L. McCormick, B. S., *Asst. Agron.*
- W. A. Nipper, M. S., *Asst. An. Husb.*

## Substations—Continued

Rice Sta., P. O., Crowley—

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## Substations—Continued

Southeast La. Livestock Sta., P. O., Frank-  
inton—H. D. Ellzey, M. S., *Supt.*LeVernon Beaubouef, M. S., *Asst. Agron.*E. E. Hodgkins, B. S., *Res. Assoc. in*  
*Dairying.*|| Denis Simon, Jr., B. S., *Res. Assoc. in*  
*Dairying.*

West La. Expt. Sta., P. O., DeRidder—

C. B. Roark, M. S., *Supt.*H. E. Harris, B. S., *Res. Assoc. in Agron.*A. H. McDaniel, M. S., *Asst. An. Husb.*Southern University and Agricultural and Mechanical College of the State of Louisiana,  
Southern Branch P. O., Baton Rouge 5

\*Agricultural and Home Economic faculties.

§Leave of absence.

\*F. G. Clark, Ph. D., *President.*\*J. W. Fisher, M. S., *Dir. of Agr.*\*Pinkie E. Thrift, M. A., *Dir. of Home Econ.*\*E. R. Brantley, M. S., *Dairy Husb.*\*C. H. Chapman, M. S., *Agr. Ed., Resident*  
*Teacher-Trainer.*\*M. J. Clark, M. S., *Agr. Ed., Itinerant*  
*Teacher-Trainer.*\*A. Ola Davis, M. A., *Home Econ., Resident*  
*Teacher-Trainer.*\*W. H. Holmes, M. S., *Hort.*\*J. H. Hope, M. S., *Poultry Husb.*\*§Hezekiah Jackson, M. S., *Hort.*\*Ezelle W. Johnson, M. S., *Clothing, Art,*  
*and Home Mgt.*\*D. W. Mays, Ph. D., *Agron.*\*Mrs. Georgia S. Minnis, M. S., *Foods and*  
*Nutr.*\*Mrs. Rebecca F. Netterville, M. S., *Dist.*  
*Super.*\*G. E. Robinson, Ph. D., *An. Husb.*\*Mrs. Camille S. Shade, B. S. L. S., M. S.,  
*Libr.*\*Mrs. Louise Talton, M. S., *Family Rela-*  
*tionship.*\*F. C. Temple, M. S., *Agr. Econ.*\*Mrs. Ruth B. Ward, M. S., *Foods and*  
*Nutr.*\*E. C. Wright, B. S., *Agr. Engin.*

## MAINE

## College of Agriculture and the Agricultural Experiment Station of the University of Maine, Orono

\*College faculty. †Station staff. ‡Extension staff.

§Leave of absence.

\*A. A. Hauck, Ph. D., LL. D., *President of University*\*†A. L. Deering, B. S., Sc. D., *Dean Coll. of Agr., in charge of Res., Dir. of Agr. Ext.*  
*Service.*† ———, *Dir. of Sta.*\*W. C. Libby, M. S., *Assoc. Dean Coll. of Agr., in charge Resident Instr.*†G. F. Dow, Ph. D., *Assoc. Dir. of Sta.*\*†F. S. Youngs, *Treas.*

## Agronomy:

\*†R. A. Struchtemeyer, Ph. D., *Prof. and*  
*Head of Dept.*†P. N. Carpenter, M. S., *Asst. Agron.*†C. E. Cunningham, B. S., *Asst. in Agron.*†J. C. Hickey, M. S., *Veg. and Canning*  
*Crops Spec.*\*†C. H. Moran, M. S., *Asst. Prof. and Assoc.*  
*Agron.*\*†H. J. Murphy, M. S., *Instr. and Asst.*  
*Agron.*\*†L. H. Taylor, Ph. D., *Asst. Prof. and Asst.*  
*Agron.*\*†G. L. Terman, Ph. D., *Prof. Agron.; Agron.*†H. W. Trask, B. S., *Asst. in Agron.*\*†M. F. Trevett, M. S., *Asst. Prof. and Assoc.*  
*Agron.*†O. L. Wyman, B. S., *Crops Spec.*

## Animal Industry:

\*†H. C. Dickey, Ph. D., *Prof. and Head of*  
*Dept.*\*†H. H. Brugman, Ph. D., *Asst. Prof. and*  
*Asst. An. Husb.*\*†H. L. Chute, D. V. M., *Assoc. Prof. and*  
*Assoc. An. Path.*†R. A. Corbett, M. S., *Ext. Dairyman.*\*†L. M. Dorsey, M. S., *Prof. and Assoc.*  
*Dairy Husb.*

## Animal Industry—Continued

\*†§C. G. M. Edgerly, M. S., *Asst. Prof. and*  
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*An. Husb.*\*†H. A. Leonard, M. S., *Assoc. Prof. An.*  
*Husb.; Ext. Dairyman.*\*G. E. Ramsdell, B. S., *Instr. Dairy Husb.*†R. F. Talbot, B. S., *Dairy Spec.*\*†J. F. Witter, B. S., D. V. M., *Prof. An.*  
*Path.*

## Bacteriology and Biochemistry:

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*Head of Dept.*\*C. E. Buck, Ph. D., *Asst. Prof. Bact.*\*F. H. Dalton, M. S., *Asst. Prof. Bact.*†J. S. Getchell, M. S., *Assoc. Bact. and*  
*Asst. Food Tech.*\*J. T. Pedlow, Ph. D., *Prof. Biochem.*\*H. W. Smith, Ph. D., *Prof. Biochem.*

## Botany:

\*F. H. Stienmetz, Ph. D., *Prof. and Head*  
*of Dept.*\*G. R. Cooper, *Asst. Prof. Bot.*\*Fay Hyland, M. S., *Prof. Bot.*\*E. C. Ogden, Ph. D., *Asst. Prof. Bot.*



**Chemistry (Agr.):**

- †E. R. Tobey, M. S., Ch. E., *Head of Dept.*
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- †A. S. Getchell, M. S., *Asst. Chem.*
- †M. E. Highlands, Ph. D., *Food Technol.*
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**Economics (Agr.) and Farm Management:**

- \*†C. H. Merchant, Ph. D., *Prof. and Head of Dept.*
- †C. R. Eckstrom, M. S., *Mktg. Spec.*
- \*M. D. Jones, M. S., *Prof. Agr. Econ. and Farm Mgt.*
- \*E. J. Lebrun, M. S., *Asst. Prof. Agr. Econ. and Farm Mgt.*
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- †W. S. Parsons, B. S., *Farm Mgt. Spec.*
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- †W. E. Savage, B. S., *Asst. Agr. Econ.*
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**Editorial:**

- †C. A. Day, M. S., *Agr. Editor.*
- †J. W. Manchester, B. A., *Asst. Agr. Editor.*
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**Education (Agr.):**

- \*W. H. Elliott, M. S., *Assoc. Prof. and Head of Dept.*

**Engineering (Agr.):**

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**Extension Administration:**

- †A. L. Deering, B. S., Sc. D., *Dir.*
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**Forestry—Continued**

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- \*M. W. Coulter, M. S., *Instr. Game Mgt.*
- \*H. L. Mendall, M. A., *Prof. Game Mgt.*
- \*H. A. Plummer, B. S., *Asst. Prof. For.*
- \*H. F. Quick, *Asst. Prof. Game Mgt.*
- \*A. G. Randall, M. F., *Asst. Prof. For.*
- \*H. E. Young, Ph. D., *Asst. Prof. For.*

**Home Economics:**

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- \*Mrs. Thelma H. Berry, M. S., *Asst. Prof. Home Econ.*
- †Kathryn E. Briwa, Ph. D., *Food Spec.*
- ‡Constance B. Burgess, M. S., *Home Mgt. Spec.*
- †Mary M. Clayton, Ph. D., *Nutr.*
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- \*Mrs. Ingeborg MacKellar, M. A., *Instr. Home Econ.*
- \*Esther A. Martin, M. Ed., *Asst. Prof. Home Econ.*
- \*Katherine A. Miles, Ph. D., *Prof. Home Econ.*
- \*†Merna M. Monroe, M. S., *Asst. Prof. and Asst. Home Econ.*
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**Horticulture:**

- ††F. P. Eggert, Ph. D., *Prof. and Head of Dept.; Hort.*
- †R. M. Bailey, B. S., *Assoc. Geneticist.*
- \*†P. M. Bessey, M. S., *Instr. and Asst. in Hort.*
- \*Roger Clapp, M. S., *Assoc. Prof. Hort.*
- †Elizabeth F. Murphy, M. A., *Asst. Biol.*
- \*J. H. Waring, Ph. D., *Prof. Hort.*

**Plant Pathology:**

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- †Reiner Bonde, Ph. D., *Plant Path.*
- †M. T. Hilborn, Ph. D., *Assoc. Plant Path.*

**Poultry Husbandry:**

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- \*§L. P. Gardner, M. S., *Assoc. Prof. Poultry Husb.*
- \*†R. W. Gerry, Ph. D., *Assoc. Prof. and Assoc. Poultry Husb.*
- \*†C. E. Howes, M. S., *Assoc. Prof. and Asst. Poultry Husb.*
- †F. D. Reed, B. S., *Poultry Spec.*

**Experiment Station Farm:**

- Arroostook Farm, P. O., *Presque Isle—*  
R. M. Cobb, B. S., *Supt.*
- Blueberry Farm, P. O., *Jonesboro—*  
I. C. Mason, M. S., *Supt.*
- Highmoor Farm, P. O., *Monmouth—*  
F. J. McDonald, B. S., *Supt.*

## MARYLAND

Colleges of Agriculture and Home Economics, Agricultural Experiment Station, and the Extension Service of the University of Maryland, College Park

\*College faculty. †Station staff. ‡Extension staff.  
‖Military leave.

- \*H. C. Byrd, B. S., LL. D., D. Sc. *President of University*
- \*G. M. Cairns, Ph. D., *Dean Coll. of Agr.*
- †I. C. Haut, Ph. D., *Dir. of Sta.*
- ‡J. M. Gwin, Ph. D., *Dir. of Ext. Service.*
- \*P. E. Nystrom, Ph. D., *Dir. of Instr.*
- \*M. Marie Mount, M. A., *Dean Coll. of Home Econ.*
- \*Ronald Bamford, Ph. D., *Dean of Grad. School.*
- \*†C. L. Benton, M. S., C. P. A., *Comptroller.*

## Agronomy:

- \*†A. O. Kuhn, Ph. D., *Prof. and Head of Dept.*
- \*†J. H. Axley, Ph. D., *Assoc. Prof. Soils.*
- \*†F. L. Bentz, Jr., M. S., *Asst. Soil Test.*
- †A. W. Burger, Ph. D., *Asst. Prof.*
- \*†Conrad Liden, M. S., *Asst. Prof. Agron.*
- †C. G. McKee, B. S., *Asst. Tobacco.*
- \*†J. L. Newcomer, B. S., *Instr.*
- †W. B. Posey, M. S., *Prof. Tobacco Work.*
- \*†Thomas Ronningen, Ph. D., *Asst. Prof. Agron.*
- †R. G. Rothgeb, Ph. D., *Prof. Plant Brgd.*
- †S. P. Stabler, B. S., *Asst. Prof.*
- †O. E. Street, Ph. D., *Assoc. Prof. Tobacco Work.*
- \*E. W. Strickling, Ph. D., *Asst. Prof.*
- †H. B. Winant, M. S., *Asst. Prof. Soils.*

## SEED INSPECTION:

- †E. S. Holmes, M. S., *Chief Seed Insp.*
- †C. B. Ellington, B. S., *Asst. Seed Certification.*

## Animal Husbandry:

- \*†J. E. Foster, Ph. D., *Prof. and Head of Dept.*
- \*†John Buric, B. S., *Instr. An. Husb.*
- †Martin Gannon, M. S., *Asst. Prof.*
- \*†W. W. Green, Ph. D., *Prof. An. Husb.*
- \*†M. H. Kerr, M. S., *Assoc. Prof. An. Husb.*
- \*†J. B. Outhouse, M. S., *Assoc. Prof. An. Husb.*
- †J. M. Vial, B. S., *Ext. Prof. An. Husb.*
- †B. T. Whittle, M. S., *Ext. Assoc. Prof. An. Husb.*

## Animal Pathology and Veterinary Science:

- †A. L. Brueckner, B. S., V. M. D., *Prof. and Head of Dept., Dir. Labs., Livestock Sanitary Service.*
- \*J. M. Coffin, V. M. D., *Assoc. Prof.*
- †Cornelia Cotton, Ph. D., *Agt. (Coop. U. S. D. A.).*
- \*†H. M. De Volt, D. V. M., M. S., *Prof. Path.*
- †L. J. Poelma, D. V. M., M. S., *Prof. Path.*
- \*R. L. Reagan, *Assoc. Prof.*

## Botany:

- \*††Ronald Bamford, Ph. D., *Prof. and Head of Dept., Cytologist.*
- \*†R. G. Brown, Ph. D., *Assoc. Prof. Bot.*
- \*†C. E. Cox, Ph. D., *Prof. Plant Path.*
- \*†W. M. Dugger, Jr., Ph. D., *Asst. Prof. Plant Physiol.*
- \*†H. G. Gauth, Ph. D., *Prof. and Assoc. Plant Physiol.*
- \*†W. F. Jeffers, Ph. D., *Prof. Plant Path.*
- †R. A. Jchle, Ph. D., *Prof. Plant Path.*
- †R. W. Krauss, Ph. D., *Res. Assoc.*
- †J. E. Moore, B. S., *Instr. Plant Path.*
- \*†D. T. Morgan, Jr., Ph. D., *Asst. Prof. Bot.*
- \*†O. D. Morgan, Ph. D., *Asst. Prof. Bot.*
- \*†R. D. Rappleye, Ph. D., *Asst. Prof. Bot.*
- \*†L. O. Weaver, Ph. D., *Prof. Plant Path. (State Plant Path.).*

## Dairy Husbandry:

- \*†J. W. Pou, Ph. D., *Prof. and Head of Dept.*
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- \*W. G. Vinal, Ph. D., *Prof. Nature Ed.*
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- F. B. Chandler, Ph. D., *Res. Prof. Cranberry Culture.*
- C. E. Cross, Ph. D., *Asst. Res. Prof. Cranberry Culture.*
- J. L. Kelley, *Tech. Asst. in Cranberry Culture.*
- Waltham Field Sta., P. O., Waltham—  
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## MICHIGAN

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## Extension Administration—Continued

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- †Ben Weststrate, B. S., Asst. State 4-H Club Leader, Asst. Prof. Ext. (P. O., Marquette).
- †Marie A. Wolfe, B. S., Asst. State 4-H Club Leader, Asst. Prof. Ext.
- †Mary J. E. Woodward, B. S., Asst. State 4-H Club Leader, Asst. Prof.
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- \*†E. E. Down, M. Agr., Ph. D., Prof.
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- \*†R. L. Carolus, Ph. D., *Prof.*
- †H. L. R. Chapman, *Asst. Prof. Ext.*
- \*Harold Davidson, B. S., *Instr.*
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- \*†C. L. Hamner, Ph. D., *Prof.*
- \*W. J. Haney, Ph. D., *Asst. Prof.*
- †H. D. Hootman, *Assoc. Prof. Ext.*
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**Short Courses:**

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- \*M. L. Bailey, M. S., *Asst. Prof. Agr. Engin., Short Courses (Farm Equip. Service and Sales).*
- \*Harold Davidson, *Instr. Hort., Short Courses (Nursery and Landsc. Mgt.).*
- \*R. E. Dennis, B. S., *Instr., Short Courses (Gen. Agr.).*
- \*†K. K. Heideman, M. S., *Asst. Prof., Short Courses (Gen. Agr.).*
- \*V. C. Larson, M. S., *Instr. Short Courses (Gen. Agr.).*
- \*J. E. Mausteller, B. S., *Instr. For., Short Courses (For. Pract.).*
- \*D. C. Miller, M. S., *Asst. Prof., Short Courses (Gen. Agr.).*
- \*A. E. Oliver, M. S., *Asst. Prof., Short Courses (Elevator and Farm Supply).*
- \*E. P. Roberts, M. S., *Instr. Hort., Short Courses (Commercial Flor.).*
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## Veterinary Medicine:

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- \*†Anna M. Light, Ph. D., *Prof. Home Econ.*
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- \*†E. T. Bardwell, B. S., R. O. P. *Supvr.*
- \*†A. C. Corbett, D. V. M., M. S., *Asst. Prof. and Poultry Path.*
- \*†D. A. Cross, *Senior Lab. Tech.*
- \*†W. C. Cullens, M. S., *Asst. Prof. Poultry Husb. and Poultry Geneticist.*

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 †Katherine Moore, *Asst. Lab. Tech.*  
 \*†R. C. Ringrose, Ph. D., *Prof. Poultry Husb.; Poultry Nutr.*

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 \*†A. S. Johnson, A. B., *Comptroller and Treas.*

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 †A. C. Wark, *Res. Assoc. in Chem.*  
 †C. E. Weber, B. S., *Res. Asst. in Chem.*  
 †R. L. Willis, B. S., *Asst. Res. Spec. in Chem.*

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 \*†Claude Eby, B. S., *Assoc. Prof. and Assoc. Res. Spec. in Dairy Husb. (P. O., Susser).*  
 \*†J. B. Kitchen, Jr., M. S., *Asst. Prof. and Asst. Res. Spec. in Dairy Husb.*  
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**Horticulture—Continued**

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- Dairy Res. Farm, P. O., *Sussex—*  
J. W. Bartlett, Ph. D., *Res. Spec. in Dairy Husb., in charge.*
- Oyster Res. Lab., P. O., *Bivalve—*  
Poultry Path. Lab., P. O., *Vineland—*  
J. J. Black, D. V. M., *Assoc. Spec. in Poultry Path., in charge.*
- Turkey Res. Farm, P. O., *Millville—*  
J. J. Dowling, B. S., *Asst. Res. Spec. in Poultry Husb., in charge.*

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- Central Sta. Farm, P. O., *Raleigh*—  
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- Vegetable Res. Lab., P. O., *Wilmington*—  
J. M. Jenkins, Jr., Ph. D., *Res. Prof. Hort. in charge.*
- F. A. Haasis, Ph. D., *Res. Assoc. Prof. Plant Path.*
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## Ohio Agricultural Experiment Station, Wooster

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## OREGON

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**Zoology—See Entomology.****Substations:**

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 †A. M. Meekma, M. S., *Assoc. Ext. Dairyman*.  
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 †Bonnie Cox, B. S., *Organ. Spec.*  
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 \*L. C. Eakin, B. S., *Farm Supt., Coll. Plantation and Farm Service.*  
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 C. J. Whitfield, Ph. D., *Project Supvr.* (SCS: Coop. U. S. D. A.).  
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 W. C. Johnson, M. S., *Asst. Soil Sci.* (SCS: Coop. U. S. D. A.).  
 K. B. Porter, M. S., *Assoc. Agron.*  
 R. C. Reeder, *Agt. (SCS).*  
 N. P. Swanson, B. S., *Irrig. Engin.* (SCS).  
 C. E. Van Doren, B. S., *Soil Conserv.* (SCS).  
 Angleton (No. 3)—  
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 G. E. Cauther, D. V. M., M. S., *Assoc. Vct.*  
 F. C. Jackson, D. V. M., *Assoc. Vct.*  
 M. E. Riewe, B. S., *Junior Agron.*  
 L. L. Wade, B. S., *Junior Parasit.* (Coop. U. S. D. A.).  
 Balmorhea (No. 9)—  
 J. J. Bayles, B. S., *Supt. (Coop. U. S. D. A.).*  
 C. R. Lapp, B. S., *Asst. An. Husb.*  
 Beaumont (No. 4)—Rice-Pasture Expt. Sta.—  
 W. C. Davis, M. S., *Supt.*  
 H. M. Beachell, M. S., *Agron. (Coop. U. S. D. A.).*  
 T. S. Brook, M. S., *Asst. Ent.*  
 H. A. Kramer, M. S., *Agr. Engin. (Coop. U. S. D. A.).*  
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 S. R. Morrison, M. S., *Asst. Agr. Engin.*  
 E. C. Tullis, Ph. D., *Plant Path. (Coop. U. S. D. A.).*  
 R. M. Weihing, Ph. D., *Agron. (Coop. U. S. D. A.).*  
 R. H. Wyche, B. S., *Agron.*  
 Beeville (No. 1)—  
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 Gerald Kline, M. S., *Assoc. Agr. Engin.* (Coop. U. S. D. A.).  
 E. M. Neal, B. S., *Asst. An. Husb.*  
 Lucas Reyes, *Junior Agron.*  
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 Blackland Expt. Watershed, Riesel, P. O., Box 1583, Waco—  
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 H. P. Hicks, *Agr. Aid (SCS: Coop. U. S. D. A.).*  
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 H. J. Quinius, Jr., B. S., *Agr. Engin.* (SCS: Coop. U. S. D. A.).  
 A. G. Woltman, *Engin. Aid (SCS: Coop. U. S. D. A.).*  
 Bluebonnet Farm, McGregor (No. 23)—  
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 S. P. Davis, *Wool Mohair Tech.*  
 B. D. Hargrove, M. S., *Assoc. Agron.*  
 M. W. Hazen, M. S., *An. Husb. (Coop. U. S. D. A.).*  
 B. L. Warwick, D. V. M., Ph. D., *An. Husb. and Geneticist (Coop. U. S. D. A.).*

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 R. F. Holland, M. S., *Asst. Agron.*  
 J. C. Stephens, M. S., *Agron. (Coop. U. S. D. A.).*  
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 College Station (Main Station Farm)—  
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 D. R. Royder, *Tech. Asst.*  
 F. A. Wolters, B. S., *Asst. Supt.*  
 Cotton Field Sta., P. O., Greenville—  
 D. R. Hooton, B. S., *Assoc. Agron.* (BPISAE: Coop. U. S. D. A.).  
 D. D. Porter, B. S., *Asst. Agron.* (BPISAE: Coop. U. S. D. A.).  
 H. W. English, *Agr. Aid (BPISAE: Coop. U. S. D. A.).*  
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 M. J. Norris, Jr., B. S., *Asst. Agron.*  
 C. O. Spence, M. S., *Asst. Agron.*  
 Div. of Grasshopper Control, P. O., 231 Federal Bldg., Waco—  
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 §R. P. Bates, M. S., *Junior Agron.*  
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 W. C. Knapp, B. S., *Asst. An. Husb. in charge*.  
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 H. R. Crookshank, Ph. D., *An. Nutr. (BAI: Coop. U. S. D. A.)*.  
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 O. J. Tippit, *Agr. Aid (Coop. U. S. D. A.)*.  
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 P. D. Christensen, Ph. D., *Asst. Agron.*  
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- \*†A. P. Dye, M. S., *Asst. Prof. and Asst. Hort.*
- †T. D. Gray, B. S., *Ext. Landsc. Arch.*
- †C. R. Kemper, M. S., *Ext. Spec. in Veg. Gard.*
- †M. H. Kolbe, M. S., *Asst. Ext. Hort.*
- \*O. M. Neal, B. S., *Asst. Prof. Hort.*
- \*†F. J. Nisbet, Ph. D., *Asst. Prof. and Asst. Ornamental Hort.*
- †R. W. Pease, B. S., *Asst. Hillcultivist.*
- \*†O. E. Schubert, Ph. D., *Asst. Prof. and Asst. Hort.*
- \*†K. C. Westover, Ph. D., *Prof. Hort.; Hort.*

**Plant Pathology and Bacteriology:**

- \*†J. G. Leach, Ph. D., *Head of Dept.*
- \*†H. L. Barnett, Ph. D., *Prof. Mycol.; Mycol.*
- †C. F. Bishop, Ph. D., *Ext. Plant Path. and Ent.*
- \*†Genevieve B. Clulo, M. A., *Assoc. Prof. and Assoc. Plant Path.*
- \*†M. E. Gallegly, Jr., Ph. D., *Asst. Prof. and Asst. Plant Path.*
- \*†V. G. Lilly, Ph. D., *Prof. Physiol.; Physiol.*
- \*†§C. R. Orton, Ph. D., Sc. D., *Prof. Plant Path.; Plant Path.*
- \*†Mrs. Mary R. Sands, M. S., *Instr. and Asst. in Bact.*
- \*†R. P. True, Ph. D., *Assoc. Prof. and Assoc. Plant Path.*
- \*†H. A. Wilson, Ph. D., *Assoc. Prof. and Assoc. Bact.*

**Publications:**

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- †John Luchok, B. S., *Asst. Editor.*
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- †L. G. Watson, A. B., *Ext. Editor.*

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- \*J. P. Bail, M. S., *Asst. Prof.*
- \*R. C. Butler, M. S., *Asst. Prof. Rural Organ.*

**Soil Conservation:**

‡George Sharpe, M. S., *Ext. Soil Conserv.*

**Veterinary Medicine—See Animal Husbandry:****Miscellaneous:**

††D. R. Creel, *Photog. and Asst. Ext. Ed.*

‡G. H. Breiding, B. S., *Naturalist.*

**Substations:**

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D. R. Browning, M. A., *Asst. Agron. in charge.*

Reedsville Expt. Farm, P. O., *Reedsville*—  
K. C. Westover, Ph. D., *Hort. in charge*  
(P. O., *Morgantown*).

**West Virginia State College, Institute**

\*College faculty. †Station staff. ‡Extension staff.

§Leave of absence.

\*John W. Davis, A. M., Litt. D., LL. D., *President.*

\*H. H. Ferrell, Ph. D., *Dean.*

\*†Madison Broadnax, M. S., *Prof. and Head Dept. of Agr.*

‡L. A. Toney, M. A., *Dir. of Ext., State Leader.*

‡Mrs. Amanda H. Anderson, B. S., *Home Dem. Agt.*

‡Rudolph Arnette, *Ext. Instr. Mining.*

‡Christine Arthur, B. S., *Home Dem. Agt.*

‡Mrs. Ethel Banks, B. S., *Home Dem. Agt.*

\*B. W. Barnes, B. S., *Instr. Voc. Agr.*

‡Mrs. Geraldine Belmeir, B. S., *Home Dem. Agt.*

‡G. E. Brown, B. S., *Asst. Suprr. Mining Ed.*

\*R. L. Bailey, Ph. D., *Instr. Agr.*

‡Mrs. J. V. Carter, *Club Agt.*

‡U. G. Carter, B. S., *Suprr. Mining Ed.*

\*Helen Coates, M. S., *Instr. Home Econ.*

\*William Craig, *Instr. Mining Ed.*

\*C. L. Davis, M. S., *Poultry.*

‡Dewey Dixon, *Ext. Instr. Mining.*

\*Mrs. Leanead P. Drain, B. S., in L. S., *Libr.*

‡Mrs. Catherine Eubank, B. S., *Home Dem. Agt.*

‡Bennett Ferguson, *Instr. Mining Ext.*

\*B. F. Garrett, M. S., *Prof. Agr.*

‡Mrs. Victoria G. Goens, *Club Agt.*

‡C. T. Hairston, M. S., *State Leader* †-II *Club Work.*

\*A. P. Hamblin, M. S., *Prof. Biol.*

\*Mrs. Clara B. Hamilton, R. N., *Instr. Hyg.*

**Substations—Continued**

Reymann Memorial Farms, P. O., *Wardensville*—

C. J. Cunningham, B. S., *Assoc. An. Husb. in charge.*

J. O. Heishman, D. V. S., *Assoc. An. Path.*

University Expt. Farm, P. O., *Kearcysville*—

Edwin Gould, B. S., *Ent. in charge.*

E. O. Hamstead, M. S., *Asst. in Ent.*  
(*Coop. U. S. D. A.*).

A. H. Thompson, Ph. D., *Hort.*

‡Coyal Haynes, B. S., *Home Dem. Agt.*

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‡Mrs. Ida E. Holcombe, B. S., *Home Dem. Agt.*

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‡Wesley Lynch, M. S., *Agr. Ext. Agt.*

‡E. H. Mitchell, M. S., *County Agt.-at-Large.*

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‡John Patterson, *Instr. Mining Ed.*

‡B. A. Perry, M. S., *Res. Agron.*

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‡J. A. Shelton, M. S., *Instr. Mining Ed.*

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**WISCONSIN****College of Agriculture and the Agricultural Experiment Station of the University of Wisconsin, Madison 6**

\*College faculty. †Station staff. ‡Extension staff.

§Leave of absence. ||Military leave.

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\*V. E. Kivlin, M. S., *Assoc. Dean Coll. of Agr.*

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†A. M. Mucks, B. S., *Asst. Dir. of Agr. Ext. Service.*

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**WYOMING**

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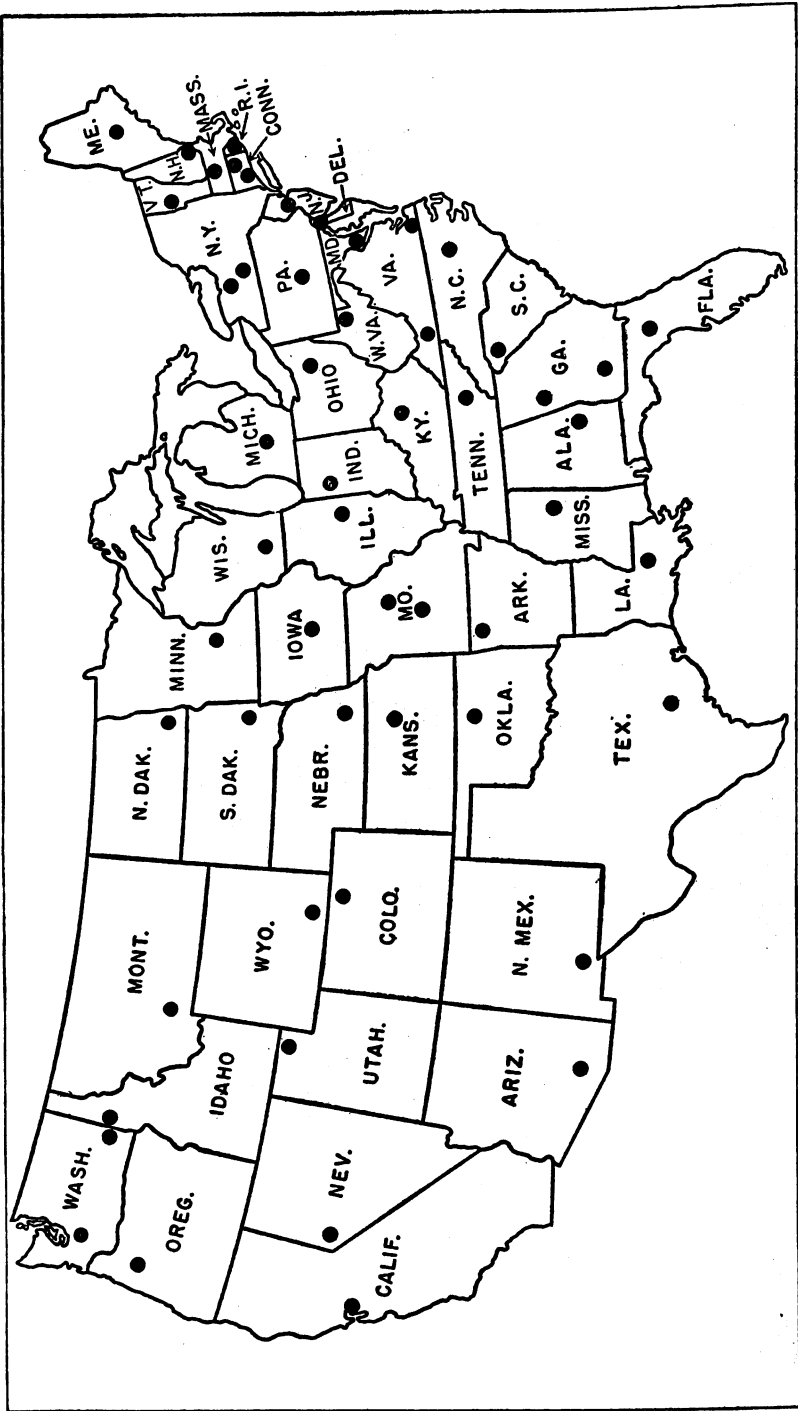
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